



**PATENT**  
Attorney Docket No. 54834

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In my application of:

**LeRoy G. Hagenbuch**

**Serial No.:** 07/964,126

**Filed: October 20, 1992**

**For: APPARATUS AND METHOD  
RESPONSIVE TO THE ON-BOARD  
MEASURING OF HAULAGE  
PARAMETERS OF A VEHICLE**

Group Art Unit: 234

**Examiner: Zanelli**

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GROUP 2300

**AMENDMENT PURSUANT TO 37 C.F.R. § 1.116**

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

**Dear Sir:**

In response to the final Office Action mailed February 5, 1993, please amend the above-identified application as follows:

**In the Claims:**

**Cancel claims 20-23 and 34.**

Amend claims 1, 4, 6-15, 18, 24, 27-29, 33, 35 and 36  
as follows:

1. (Once Amended) A system for acquisitioning and accumulating data indicative of haul cycles executed by a haulage vehicle moving between load and dump sites, where each haul cycle is a complete round trip from a load site to a dump site and back to a load site or from a dump site to a load site and back to a dump site, the system comprising:

first means mounted to the vehicle for providing a first set of data whose value is indicative of a loading